



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Riccardo MIGLIACCIO) Re: Preliminary Amendment
Serial No.: 09/771,941)
Filed: January 29, 2001) Group: unknown
For: "TRANSMITTER-RECEIVER APPARATUS) Examiner: not yet assigned
WITH SIGNAL CODING UNIT ACCORDING TO) Our Ref: B-4091 618544-2
RDS STANDARD") Date: June 4, 2001

Commissioner for Patents
United States Patent and Trademark Office
Washington, D.C. 20231

Attn: Customer Service Center
Initial Patent Examination Division

Sir:

Prior to examination of the above-identified application, it is respectfully requested that the following amendments be made to the Claims:

IN THE CLAIMS

Please replace original Claims 3-5, 7, 10-12, and 14-15 with the amended Claims 3-5, 7, 10-12, and 14-15, which are set forth below. (Appendix A, which is enclosed herewith, shows how original Claims 3-5, 7, 10-12, and 14-15 were amended to produce amended Claims 3-5, 7, 10-12, and 14-15.)

3. (amended)

The coding unit according to claim 1,
characterized in that said second output signal component
(PRIC) comprises one or more data blocks, each of said blocks
being constituted by a bit sequence apt to represent a portion
of said indicative information about said radio receiver.

4. (amended)

The coding unit according to claim 1, characterized in that said output signal comprises a fifth output signal component (DBF), comprising indicative information about a list of preferred pieces.

5. (amended)

A transmitter-receiver apparatus comprising:

- a radio receiver (1) compatible with the RDS standard, apt to receive a signal according to the RDS standard;
- a signal-coding unit (9) according to claim 1, connected to said radio receiver; and
- a transmission unit (10), connected to said signal coding unit, apt to transmit the output signal emitted as output by said signal coding unit.

7. (amended)

The transmitter-receiver apparatus according to claim 5, characterized in that said transmission unit adopts a GSM-type data transmission standard.

10. (amended)

The signal-decoding unit according to claim 8, characterized in that said second input signal component (PRIC) comprises one or more data blocks, each of said block being constituted by a bit sequence apt to represent a portion of said indicative information about said radio transmitter therefrom said input signal is transmitted.

11. (amended)

The signal-decoding unit according to claim 8, characterized in that said input signal comprises a fifth input signal component (DBF), comprising indicative information about a list of preferred pieces.

12. (amended)

A system for receiving radio-transmitted data comprising:

- a receiving unit (20) apt to receive a signal coming from at least one of said radio receivers;
- a signal-decoding unit (21) according to claim 7, connected to said receiving unit;
- a control unit (22), connected to said signal-decoding unit, apt to control capturing, storing, processing and monitoring of signals coming from said signal-decoding unit;
- a storing unit (25), connected to said control unit, apt to store data coming from said control unit; and
- a processing unit (24), connected to said control unit, apt to perform statistical-type calculations on data sent by said control unit.

14. (amended)

The data-receiving system according to claim 12, characterized in that said statistical-type calculations on data provided by said control unit are performed in real time by said processing unit.

15. (amended)

The data-receiving system according to claim 12, characterized in that said statistical-type calculations on data provided by said control unit are performed in historical mode by said processing unit.

REMARKS

This Preliminary Amendment amends Claims 3-5, 7, 10-12, and 14-15 so that these claims are no longer multiply dependent. The

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Applicant may elect to amend Claims 3-5, 7, 10-12, and 14-15 to make them again multiply dependent or to add additional claims to this application to provide coverage similar to, broader than, or narrower than the present claims at any time during the pendency of the above-identified U.S. application.

Respectfully submitted,



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Enclosure: Appendix A (2 pages)

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Appendix A

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3. (amended)

The coding unit according to claim 1 [or 2], characterized in that said second output signal component (PRIC) comprises one or more data blocks, each of said blocks being constituted by a bit sequence apt to represent a portion of said indicative information about said radio receiver.

4. (amended)

The coding unit according to [any of the preceding claims]claim 1, characterized in that said output signal comprises a fifth output signal component (DBF), comprising indicative information about a list of preferred pieces.

5. (amended)

A transmitter-receiver apparatus comprising:

- a radio receiver (1) compatible with the RDS standard, apt to receive a signal according to the RDS standard;
- a signal-coding unit (9) according to [any of the claims 1 to 3]claim 1, connected to said radio receiver; and
- a transmission unit (10), connected to said signal coding unit, apt to transmit the output signal emitted as output by said signal coding unit.

7. (amended)

The transmitter-receiver apparatus according to claim 5 [or 6], characterized in that said transmission unit adopts a GSM-type data transmission standard.

10. (amended)

The signal-decoding unit according to claim 8 [or 9], characterized in that said second input signal component (PRIC) comprises one or more data blocks, each of said block being constituted by a bit sequence apt to represent a portion of said indicative information about said radio transmitter therefrom said input signal is transmitted.

Appendix A

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11. (amended)

The signal-decoding unit according to [any of the claims 8 to 10]claim 8,

characterized in that said input signal comprises a fifth input signal component (DBF), comprising indicative information about a list of preferred pieces.

12. (amended)

A system for receiving radio-transmitted data comprising:

- a receiving unit (20) apt to receive a signal coming from at least one of said radio receivers;
- a signal-decoding unit (21) according to [any of the claims 7 to 9]claim 7, connected to said receiving unit;
- a control unit (22), connected to said signal-decoding unit, apt to control capturing, storing, processing and monitoring of signals coming from said signal-decoding unit;
- a storing unit (25), connected to said control unit, apt to store data coming from said control unit; and
- a processing unit (24), connected to said control unit, apt to perform statistical-type calculations on data sent by said control unit.

14. (amended)

The data-receiving system according to claim 12 [or 13], characterized in that said statistical-type calculations on data provided by said control unit are performed in real time by said processing unit.

15. (amended)

The data-receiving system according to [any of the claims 12 to 14]claim 12,

characterized in that said statistical-type calculations on data provided by said control unit are performed in historical mode by said processing unit.